

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092722\
 Data File : BN021924.D
 Acq On : 26 Sep 2022 18:57
 Operator : CG/JU
 Sample : PB147751BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS751

Quant Time: Sep 27 00:25:51 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 00:20:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

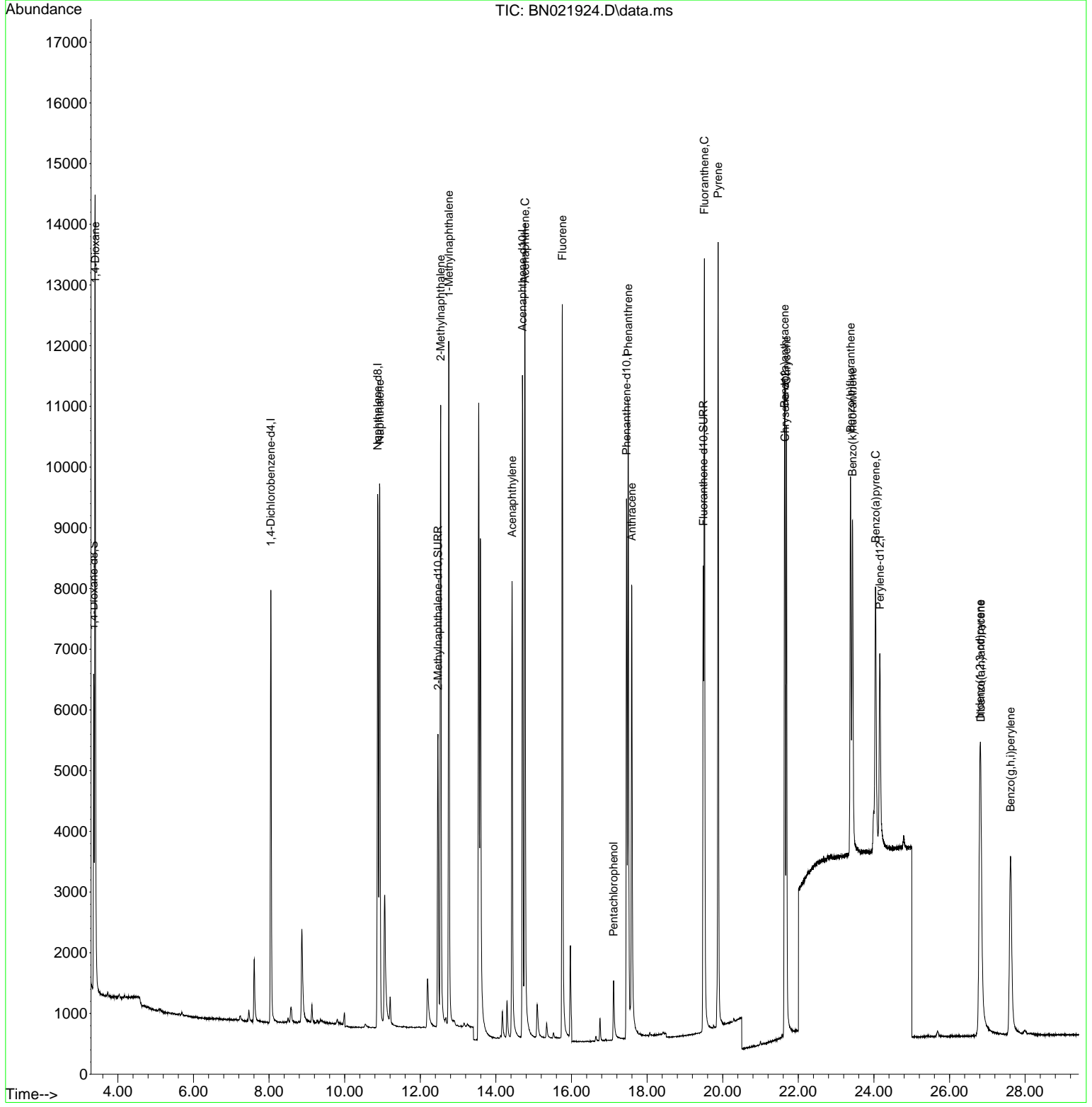
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	4013	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	13238	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.703	164	6789	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.455	188	11522	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.650	240	6764	0.400	ng/ul	# 0.00
23) Perylene-d12	24.155	264	5158	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.359	96	3438	0.696	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.467	152	7264	0.347	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	9579	0.381	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.397	88	9475	1.871	ng/ul#	87
5) Naphthalene	10.927	128	13535	0.363	ng/ul	98
7) 2-Methylnaphthalene	12.538	142	8489	0.350	ng/ul	98
8) 1-Methylnaphthalene	12.753	142	8817	0.354	ng/ul	99
10) Acenaphthylene	14.425	152	10620	0.372	ng/ul	99
11) Acenaphthene	14.768	153	8789	0.364	ng/ul	99
12) Fluorene	15.758	166	9350	0.345	ng/ul	100
14) Pentachlorophenol	17.113	266	976	0.437	ng/ul	99
15) Phenanthrene	17.498	178	13079	0.360	ng/ul	99
16) Anthracene	17.591	178	10378	0.344	ng/ul	99
19) Fluoranthene	19.515	202	12168	0.385	ng/ul	96
20) Pyrene	19.878	202	12165	0.391	ng/ul#	93
21) Benzo(a)anthracene	21.632	228	8634	0.381	ng/ul	99
22) Chrysene	21.688	228	9816	0.397	ng/ul	99
24) Benzo(b)fluoranthene	23.380	252	9268	0.370	ng/ul	86
25) Benzo(k)fluoranthene	23.433	252	8495	0.350	ng/ul#	84
26) Benzo(a)pyrene	24.041	252	8010	0.423	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.801	276	8742	0.410	ng/ul	97
28) Dibenzo(a,h)anthracene	26.828	278	6815	0.377	ng/ul	93
29) Benzo(g,h,i)perylene	27.612	276	8259	0.420	ng/ul	93

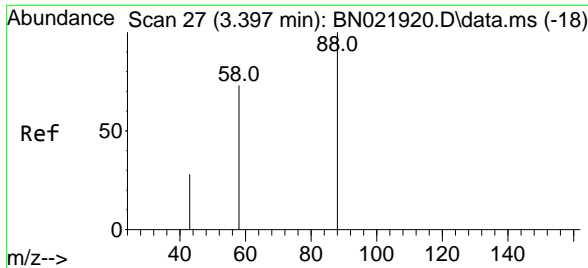
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092722\
 Data File : BN021924.D
 Acq On : 26 Sep 2022 18:57
 Operator : CG/JU
 Sample : PB147751BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS751

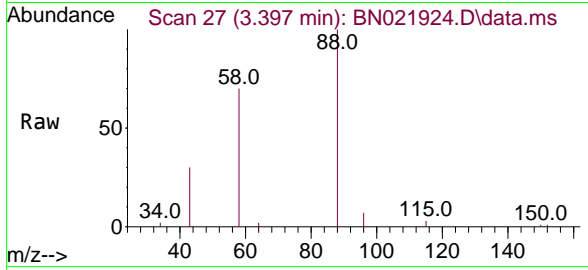
Quant Time: Sep 27 00:25:51 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 00:20:21 2022
 Response via : Initial Calibration





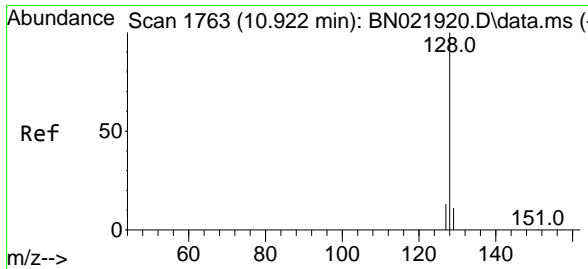
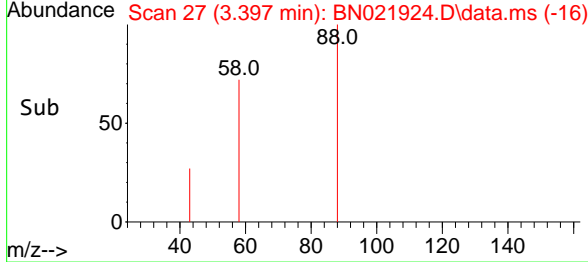
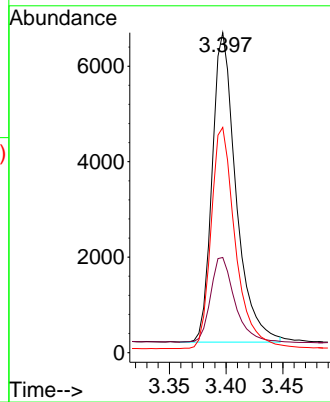
#2
 1,4-Dioxane
 Concen: 1.871 ng/ul
 RT: 3.397 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN021924.D
 Acq: 26 Sep 2022 18:57

Instrument :
 BNA_N
 ClientSampleId :
 SLCS751



Tgt Ion: 88 Resp: 9475

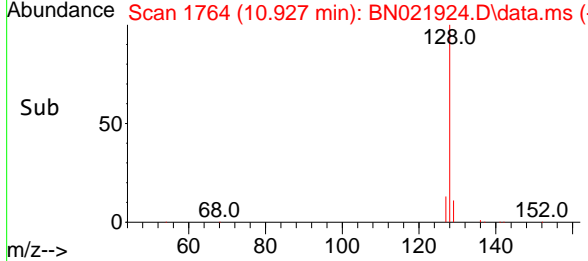
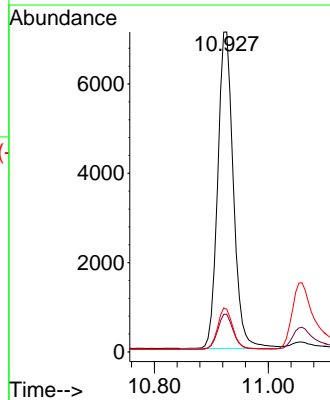
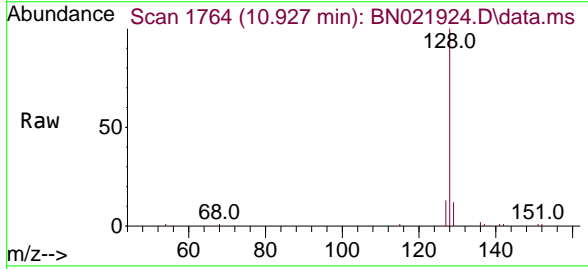
Ion	Ratio	Lower	Upper
88	100		
43	29.7	31.4	47.0#
58	70.4	49.0	73.6

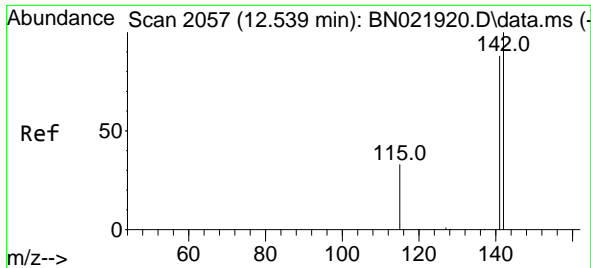


#5
 Naphthalene
 Concen: 0.363 ng/ul
 RT: 10.927 min Scan# 1764
 Delta R.T. -0.006 min
 Lab File: BN021924.D
 Acq: 26 Sep 2022 18:57

Tgt Ion: 128 Resp: 13535

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.8	14.6
127	13.3	11.6	17.4

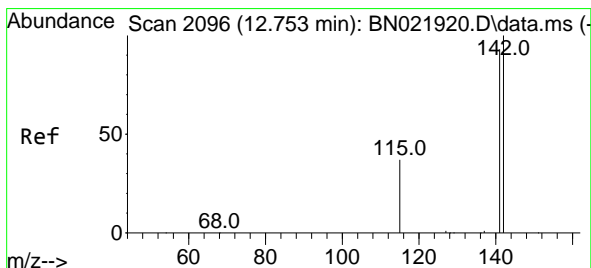
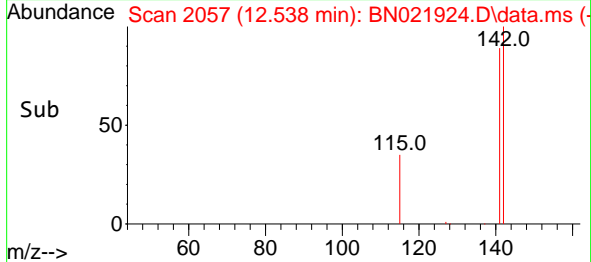
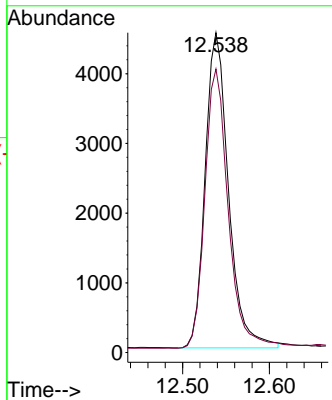
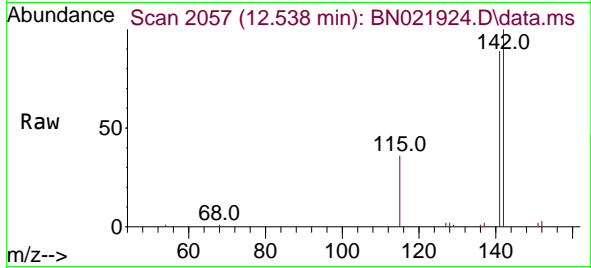




#7
 2-Methylnaphthalene
 Concen: 0.350 ng/ul
 RT: 12.538 min Scan# 2057
 Delta R.T. -0.006 min
 Lab File: BN021924.D
 Acq: 26 Sep 2022 18:57

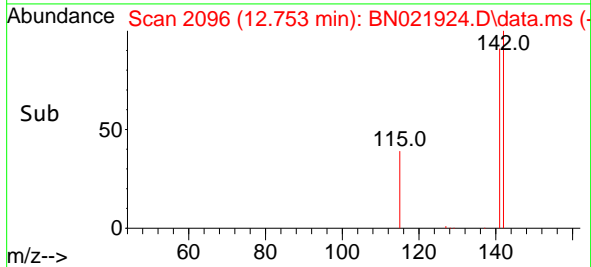
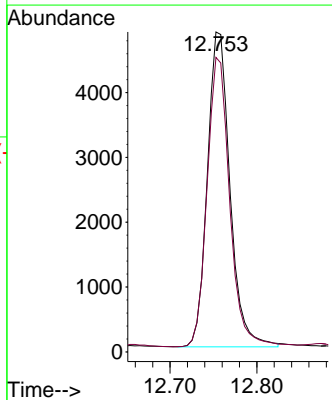
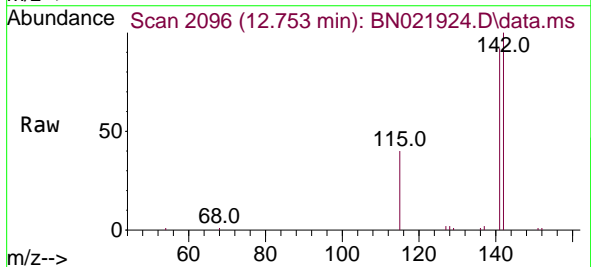
Instrument :
 BNA_N
 ClientSampleId :
 SLCS751

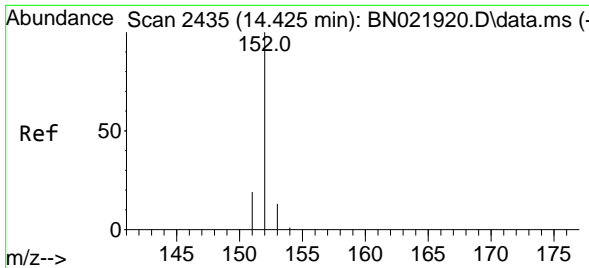
Tgt Ion:142 Resp: 8489
 Ion Ratio Lower Upper
 142 100
 141 88.4 72.2 108.2



#8
 1-Methylnaphthalene
 Concen: 0.354 ng/ul
 RT: 12.753 min Scan# 2096
 Delta R.T. -0.006 min
 Lab File: BN021924.D
 Acq: 26 Sep 2022 18:57

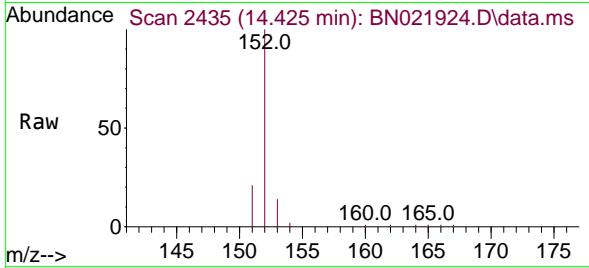
Tgt Ion:142 Resp: 8817
 Ion Ratio Lower Upper
 142 100
 141 91.6 73.9 110.9





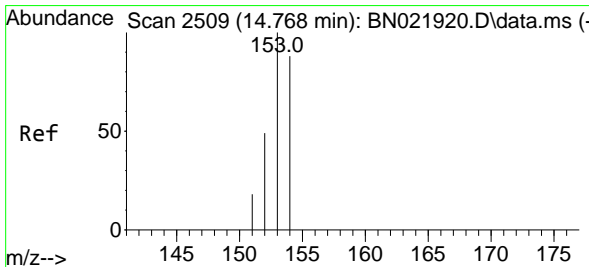
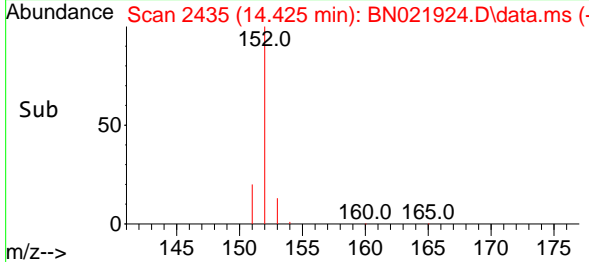
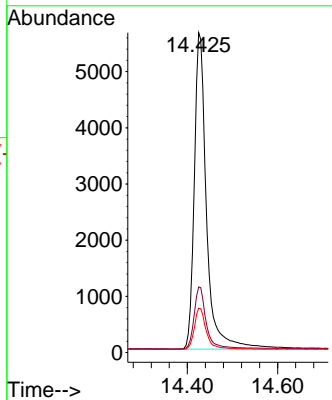
#10
 Acenaphthylene
 Concen: 0.372 ng/u1
 RT: 14.425 min Scan# 2435
 Delta R.T. -0.005 min
 Lab File: BN021924.D
 Acq: 26 Sep 2022 18:57

Instrument : BNA_N
 ClientSampleId : SLCS751



Tgt Ion:152 Resp: 10620

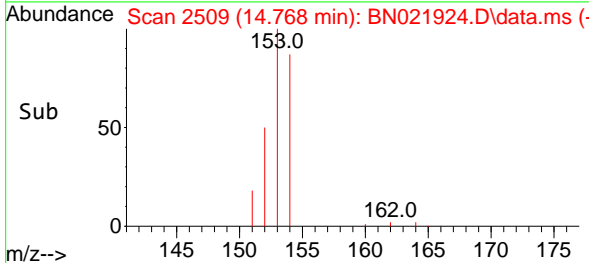
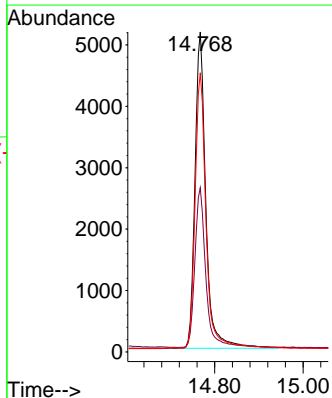
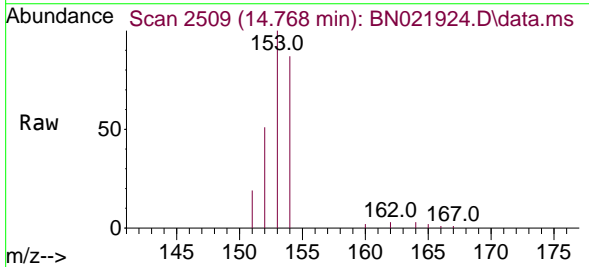
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.9	25.3
153	13.9	11.2	16.8

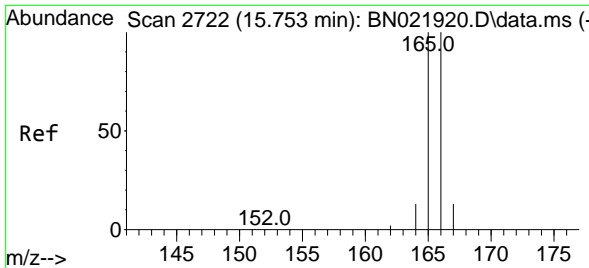


#11
 Acenaphthene
 Concen: 0.364 ng/u1
 RT: 14.768 min Scan# 2509
 Delta R.T. -0.005 min
 Lab File: BN021924.D
 Acq: 26 Sep 2022 18:57

Tgt Ion:153 Resp: 8789

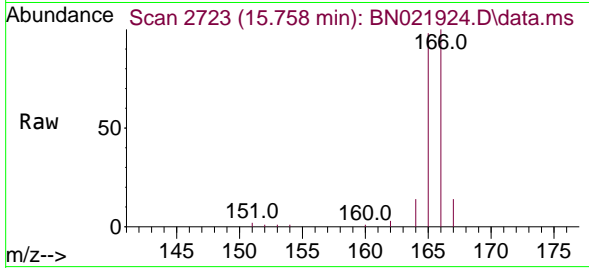
Ion	Ratio	Lower	Upper
153	100		
152	51.3	40.2	60.4
154	87.2	70.7	106.1





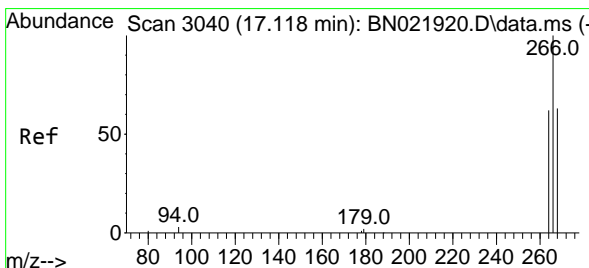
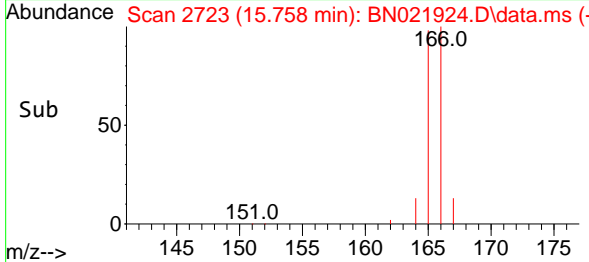
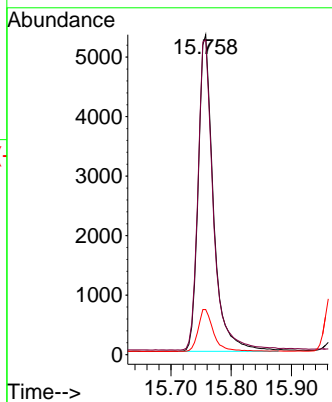
#12
 Fluorene
 Concen: 0.345 ng/uI
 RT: 15.758 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN021924.D
 Acq: 26 Sep 2022 18:57

Instrument :
 BNA_N
 ClientSampleId :
 SLCS751



Tgt Ion:166 Resp: 9350

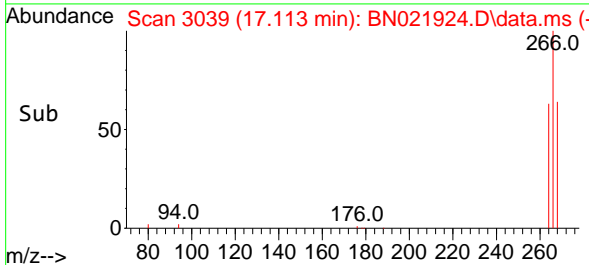
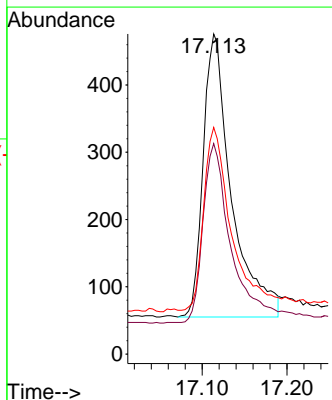
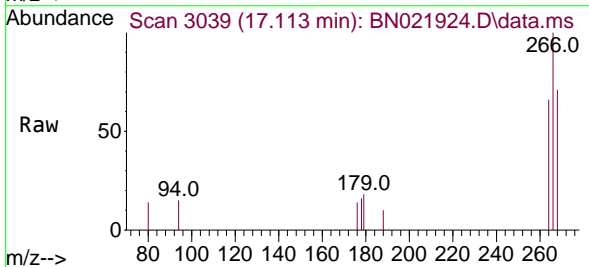
Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.6	117.8
167	14.1	11.8	17.6

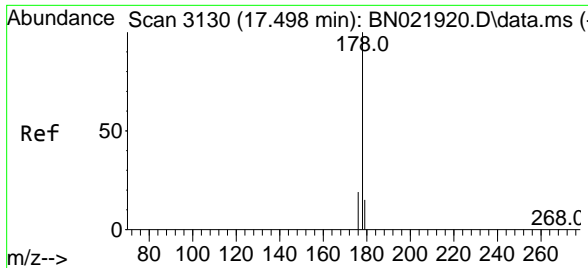


#14
 Pentachlorophenol
 Concen: 0.437 ng/uI
 RT: 17.113 min Scan# 3039
 Delta R.T. 0.004 min
 Lab File: BN021924.D
 Acq: 26 Sep 2022 18:57

Tgt Ion:266 Resp: 976

Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.8	74.8
268	63.4	50.6	75.8

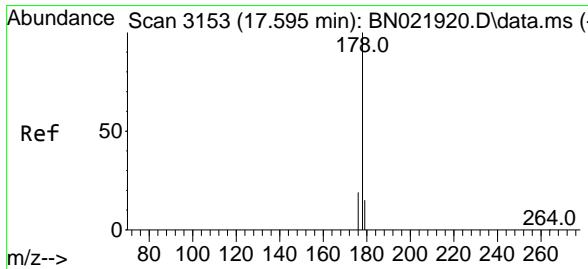
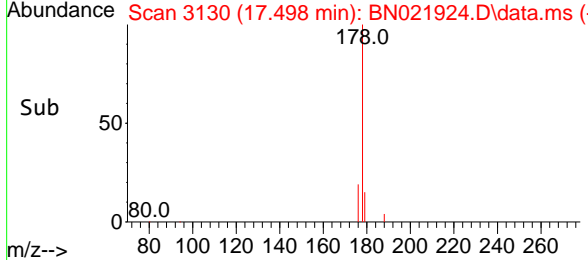
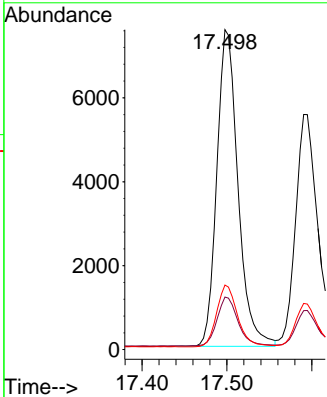
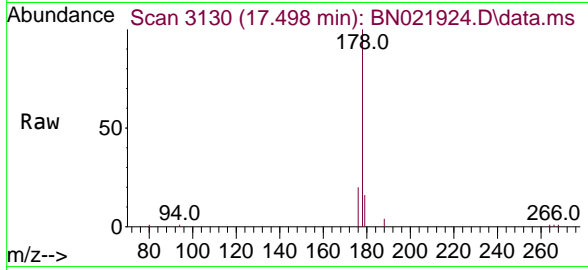




#15
 Phenanthrene
 Concen: 0.360 ng/u1
 RT: 17.498 min Scan# 3130
 Delta R.T. -0.004 min
 Lab File: BN021924.D
 Acq: 26 Sep 2022 18:57

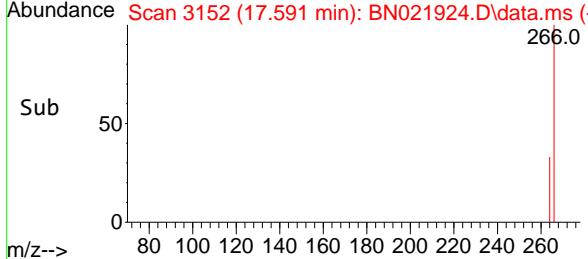
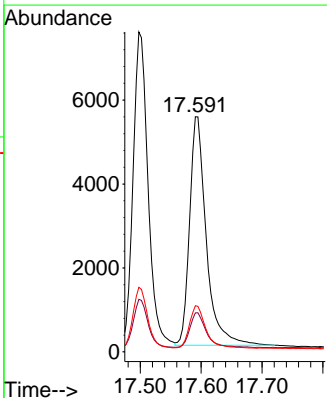
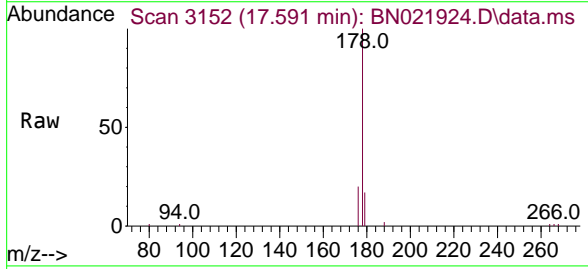
Instrument : BNA_N
 ClientSampleId : SLCS751

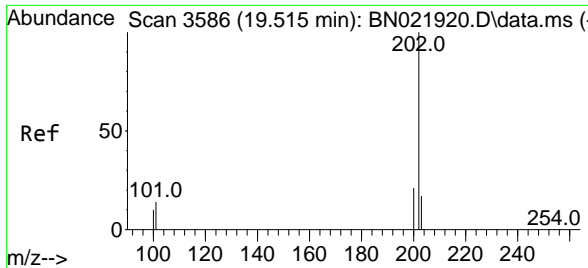
Tgt Ion	Resp	Lower	Upper
178	13079		
179	16.4	12.8	19.2
176	20.2	15.9	23.9



#16
 Anthracene
 Concen: 0.344 ng/u1
 RT: 17.591 min Scan# 3152
 Delta R.T. -0.004 min
 Lab File: BN021924.D
 Acq: 26 Sep 2022 18:57

Tgt Ion	Resp	Lower	Upper
178	10378		
179	16.6	12.9	19.3
176	19.7	15.9	23.9

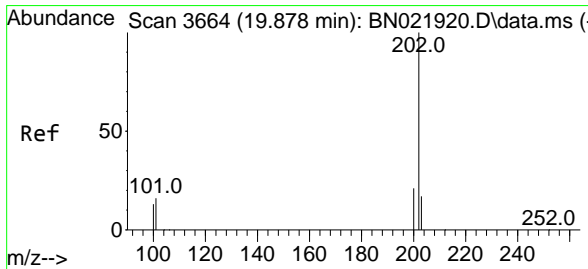
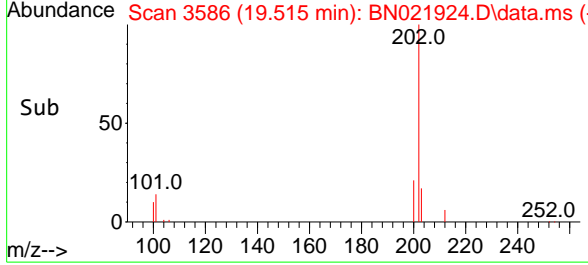
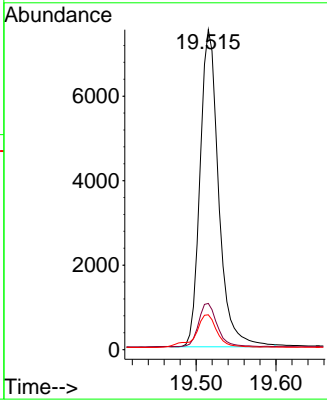
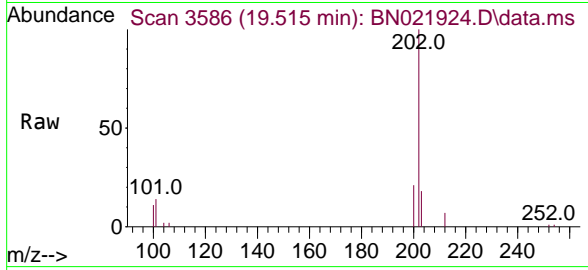




#19
 Fluoranthene
 Concen: 0.385 ng/u1
 RT: 19.515 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN021924.D
 Acq: 26 Sep 2022 18:57

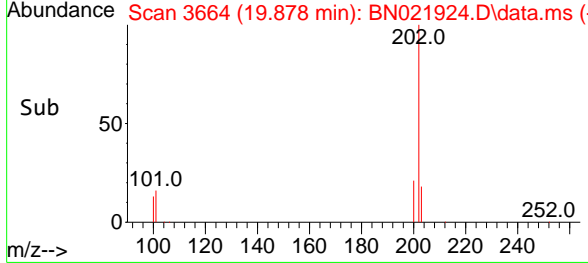
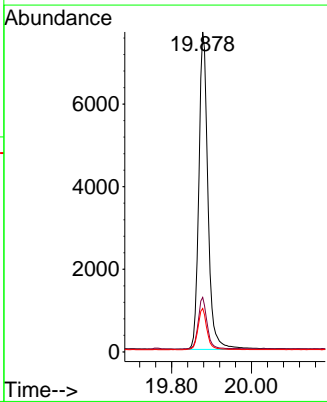
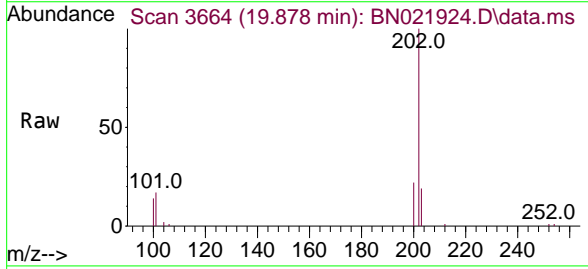
Instrument : BNA_N
 ClientSampleId : SLCS751

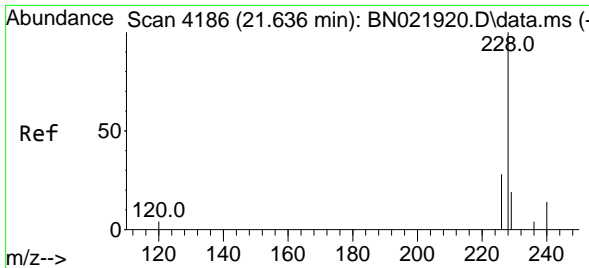
Tgt Ion	Resp	Lower	Upper
202	100		
101	14.4	10.0	15.0
100	10.9	8.0	12.0



#20
 Pyrene
 Concen: 0.391 ng/u1
 RT: 19.878 min Scan# 3664
 Delta R.T. -0.000 min
 Lab File: BN021924.D
 Acq: 26 Sep 2022 18:57

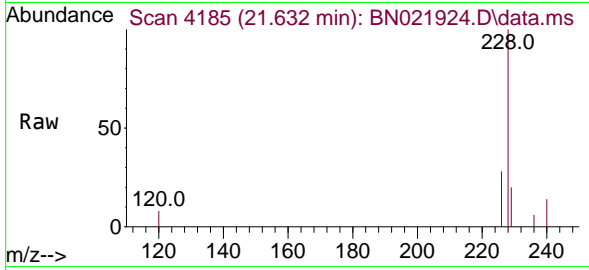
Tgt Ion	Resp	Lower	Upper
202	100		
101	17.0	11.3	16.9#
100	13.6	9.0	13.4#



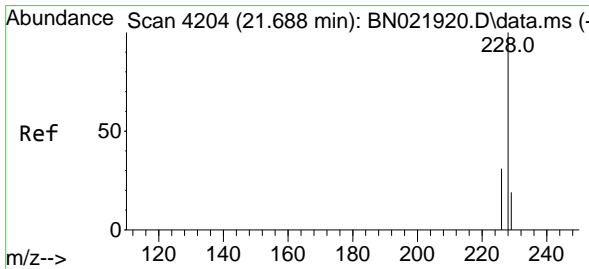
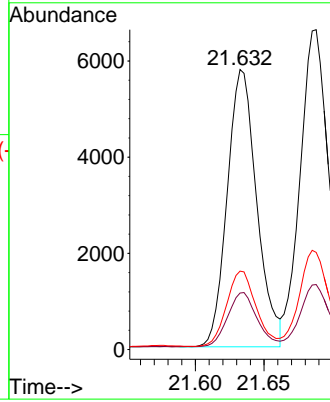
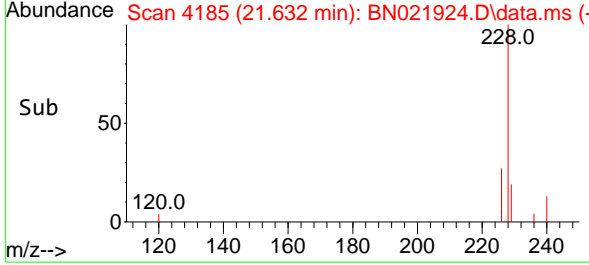


#21
 Benzo(a)anthracene
 Concen: 0.381 ng/u1
 RT: 21.632 min Scan# 4185
 Delta R.T. 0.003 min
 Lab File: BN021924.D
 Acq: 26 Sep 2022 18:57

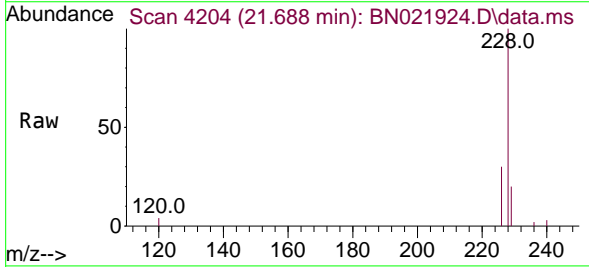
Instrument :
 BNA_N
 ClientSampleId :
 SLCS751



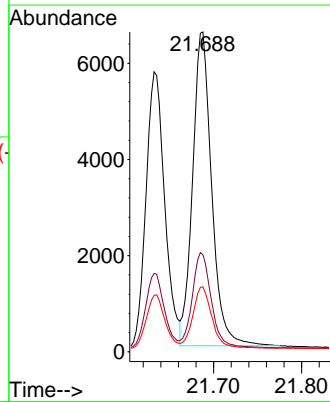
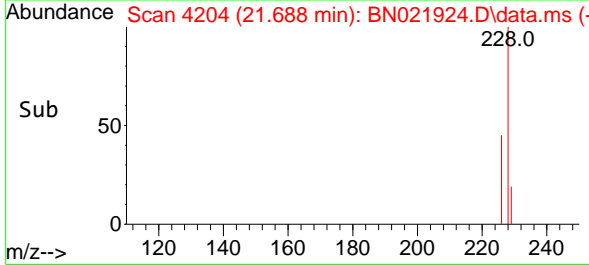
Tgt Ion:228 Resp: 8634
 Ion Ratio Lower Upper
 228 100
 229 20.2 16.0 24.0
 226 28.0 21.9 32.9

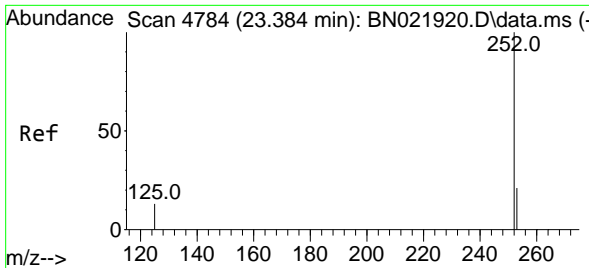


#22
 Chrysene
 Concen: 0.397 ng/u1
 RT: 21.688 min Scan# 4204
 Delta R.T. 0.003 min
 Lab File: BN021924.D
 Acq: 26 Sep 2022 18:57



Tgt Ion:228 Resp: 9816
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.6 37.0
 229 20.3 15.8 23.8



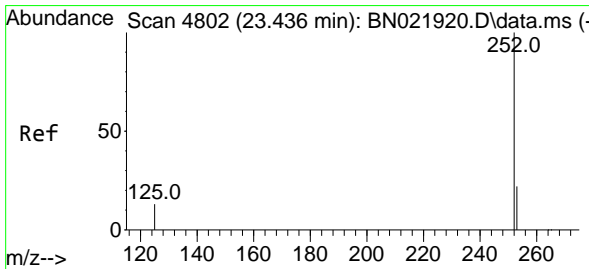
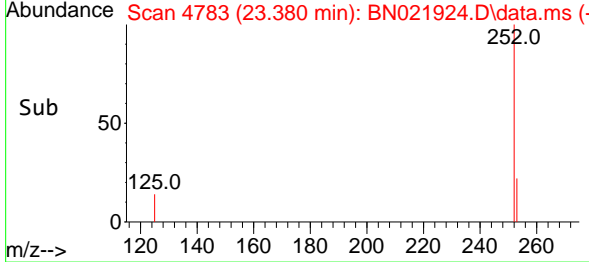
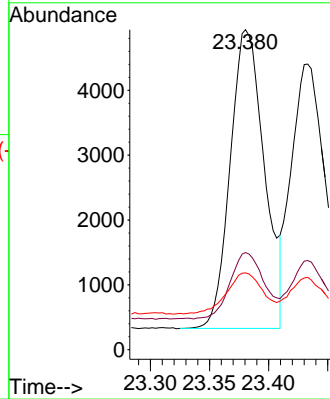
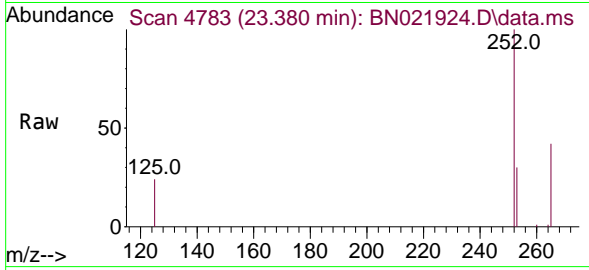


#24
 Benzo(b)fluoranthene
 Concen: 0.370 ng/u1
 RT: 23.380 min Scan# 4783
 Delta R.T. -0.000 min
 Lab File: BN021924.D
 Acq: 26 Sep 2022 18:57

Instrument :
 BNA_N
 ClientSampleId :
 SLCS751

Tgt Ion:252 Resp: 9268

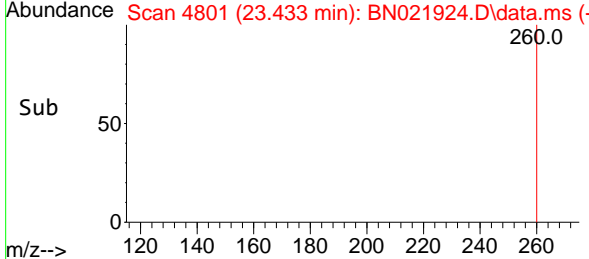
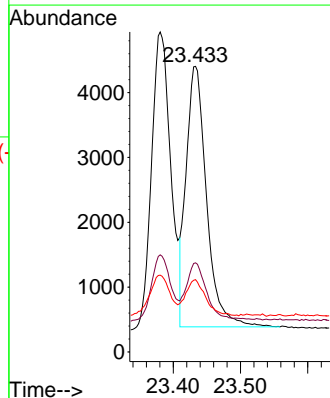
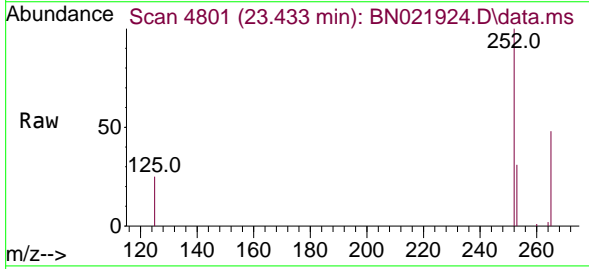
Ion	Ratio	Lower	Upper
252	100		
253	30.3	0.0	50.8
125	24.0	0.0	30.0

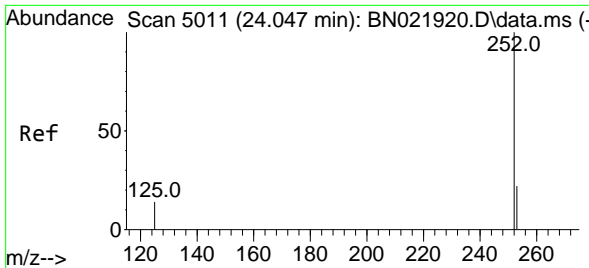


#25
 Benzo(k)fluoranthene
 Concen: 0.350 ng/u1
 RT: 23.433 min Scan# 4801
 Delta R.T. 0.003 min
 Lab File: BN021924.D
 Acq: 26 Sep 2022 18:57

Tgt Ion:252 Resp: 8495

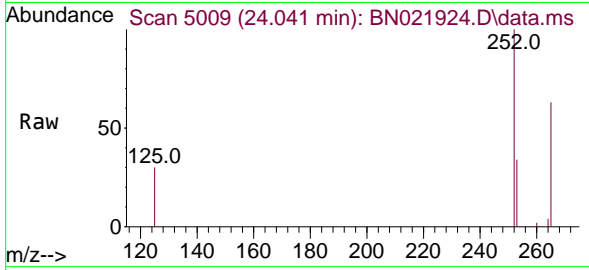
Ion	Ratio	Lower	Upper
252	100		
253	31.2	20.6	31.0#
125	25.3	11.8	17.6#



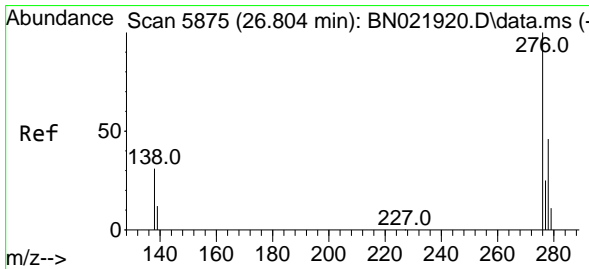
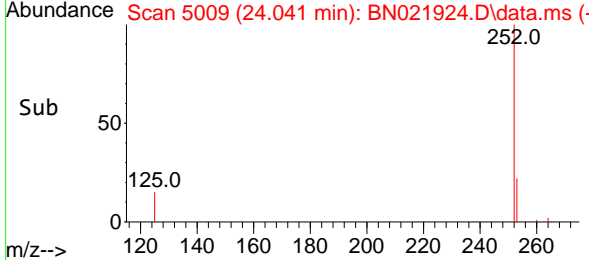
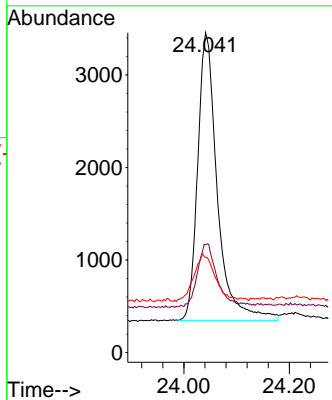


#26
 Benzo(a)pyrene
 Concen: 0.423 ng/u1
 RT: 24.041 min Scan# 5011
 Delta R.T. -0.000 min
 Lab File: BN021924.D
 Acq: 26 Sep 2022 18:57

Instrument :
 BNA_N
 ClientSampleId :
 SLCS751

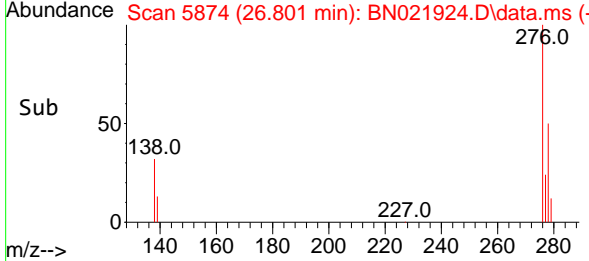
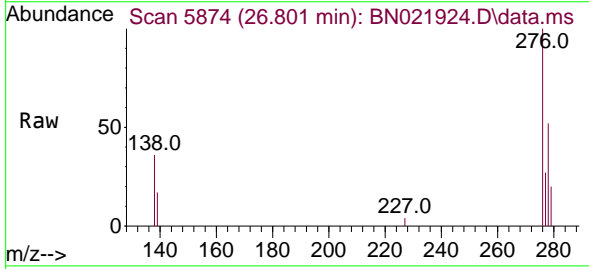
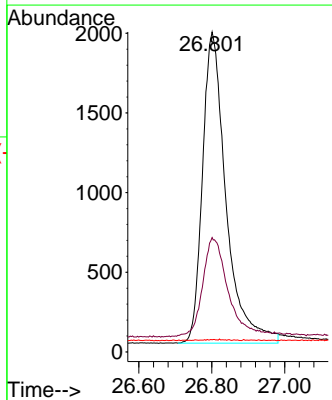


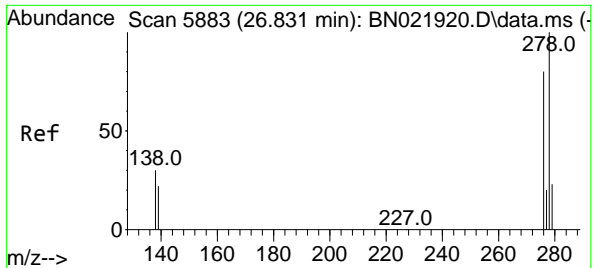
Tgt Ion:252 Resp: 8010
 Ion Ratio Lower Upper
 252 100
 253 33.7 22.1 33.1#
 125 29.8 14.7 22.1#



#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.410 ng/u1
 RT: 26.801 min Scan# 5874
 Delta R.T. 0.010 min
 Lab File: BN021924.D
 Acq: 26 Sep 2022 18:57

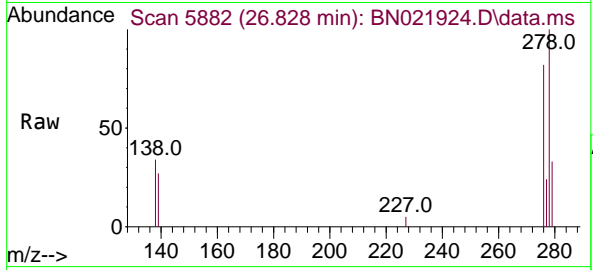
Tgt Ion:276 Resp: 8742
 Ion Ratio Lower Upper
 276 100
 138 34.2 26.1 39.1
 227 0.1 0.1 0.1



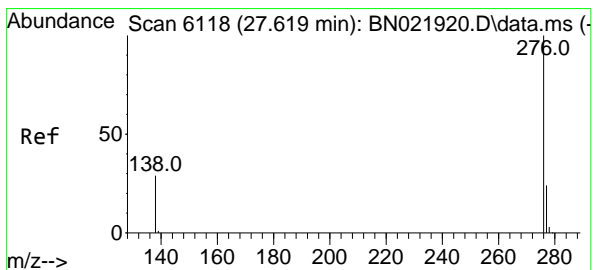
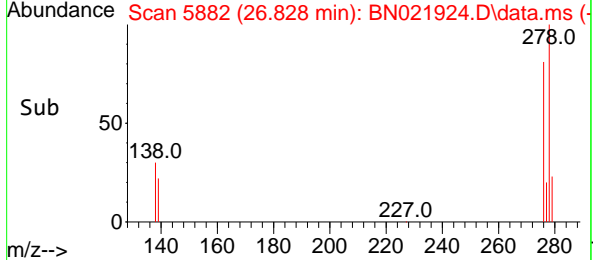
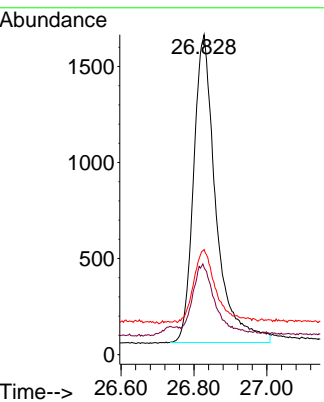


#28
 Dibenzo(a,h)anthracene
 Concen: 0.377 ng/ul
 RT: 26.828 min Scan# 5882
 Delta R.T. 0.010 min
 Lab File: BN021924.D
 Acq: 26 Sep 2022 18:57

Instrument :
 BNA_N
 ClientSampleId :
 SLCS751



Tgt Ion:278 Resp: 6815
 Ion Ratio Lower Upper
 278 100
 139 27.2 18.3 27.5
 279 32.8 23.9 35.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.420 ng/ul
 RT: 27.612 min Scan# 6116
 Delta R.T. 0.003 min
 Lab File: BN021924.D
 Acq: 26 Sep 2022 18:57

Tgt Ion:276 Resp: 8259
 Ion Ratio Lower Upper
 276 100
 138 33.7 22.6 34.0
 277 26.8 20.2 30.2

